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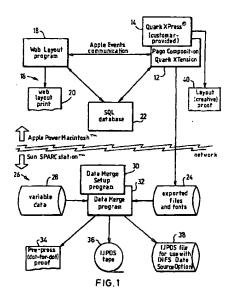
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(54) Method for creating complex layouts with variable data for high speed printing systems

(57) A method is provided for creating complex document layouts with variable data. The document layouts are placed on a web template associated with a high speed printing system. A merged data stream is generated, containing fixed and variable data as input job data, and is output on the high speed printing system. Initially, multiple layouts of document formats are created. Insertion of variable data placeholders into the multiple layouts is specified. The variable data is then merged into an appropriate one of the multiple layouts at the location of the placeholders.





EUROPEAN SEARCH REPORT

Application Number EP 97 30 4188

 -		ERED TO BE RELEVANT		
Category	Citation of document with of relevant pas	indication, where appropriate, sages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 481 784 A (MOO 22 April 1992 * abstract; claim ! * page 2, line 19 - * page 2, line 56 - * page 10, line 13 * page 59, line 36	- line 44 * - page 3, line 14 * line 23 *	1-4,6, 8-10	G06K15/02
x	US 4 649 513 A (MAR 10 March 1987 * column 1, line 35 * column 2, line 37	5 - line 42; figure 1 *	1-4,6, 8-10	
A	US 5 459 826 A (ARC 17 October 1995 * abstract; claim 4 * column 1, line 19 * column 1, line 45 * column 4, line 62	; figures 1,6 *) - line 28 *	1-10	
A	YOUNG K.: "Taking magazine applicatio NETWORK,October 199 XP002106685 ISSN 0269-3089		1,8	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G06F
P,X	US 5 615 316 A (IMA 25 March 1997 * abstract; figures		1,8	
	of QuarkXpress" BRITISH PRINTER,	t * -/	1,8	
	The present search report has	been drawn up for all claims		
	Place of search	Date of complation of the search	' 	Examiner
	THE HAGUE	21 June 1999	van	der Weiden, A
X : partic Y : partic docu A : techn O : non-	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anot ment of the same category notogical background written disclosure mediate document	E : earlier patent do after the filling da	cument, but publis te in the application or other reasons	shed on, or

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EUROPEAN SEARCH REPORT

Application Number EP 97 30 4188

nhaces	Citation of document with	indication, where appropriate,	Relevant	CLASSIFICATION OF	C THE
ategory	of relevant pa		to claim	APPLICATION (int.	C1.6)
, A	EP 0 741 485 A (AG	FA GEVAERT NV ;XEIKON	NV 5		
	(BE)) 6 November 1				
	* abstract *				
	* column 6, line 4	3 - column 7, line 23	*		
	WO 98 04988 A (MOO	RE BUSINESS FORMS INC)	1-10		
	5 February 1998	ne bootness tomis the	1 10		
	* abstract; claims	1,5; figure 2 *			
ł	* page 24, line 17	- page 25, line 2 *			
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- 1			1	TECHNICAL FIELDS	
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	The present search report has	been drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
7	THE HAGUE	21 June 1999	van	der Weiden, A	
CA	FEGORY OF CITED DOCUMENTS	T : theory or prin	ciple underlying the in	vention	
X : partic	larly relevant if taken alone	after the filing	document, but publish date	nea on, ar	
docun	ularly relevant if combined with anot nent of the same category		ed in the application d for other reasons	•	
a : techni	ological background ritten disclosure		same patent family,		

EPO FORM 1503 03.82 (PO4C01)

EP 0 814 425 A3

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 97 30 4188

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-06-1999

	Patent documented in search rep		Publication date		Patent family member(s)	Publication date
EP	0481784	A	22-04-1992	US	5563998 A	08-10-199
				US	5563999 A	08-10-199
				ΑU	4895693 A	23-12-199
				AU	8596591 A	30-04-199
				CA	2053728 A	20-04-199
				DE	69126272 D	03-07-199
				DE	69126272 T	30-10-199
				JP	4282275 A	07-10-199
				MX	9101646 A,B	01-06-199
				NZ	240270 A	26-05-199
				CA	2053717 A	20-04-199
				NZ	240269 A	28-05-199
				NZ	270986 A	20-12-199
US	4649513	Α	10-03-1987	BR	8405729 A	17-09-198
				CA	1218750 A	03-03-198
				DE	3486078 A	01-04-199
				EP	0146714 A	03-07-198
US	5459826	Α	17-10-1995	CA	2043148 A	26-11-199
LIS	5615316	Α	25-03-1997	JP	2554395 B	13-11-1996
				JP	4201451 A	22-07-199
				DE	4139484 A	04-06-199
				US	5379368 A	03-01-199
EP	0741485	Α	06-11-1996	JP	9179703 A ,	11-07-199
				US	5715382 A	03-02-1998
WO	9804988	. A	05-02-1998	AU	3727597 A	20-02-1998
				EP	0857335 A	12-08-199

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82